How to Order

Note) AC-type models that are CE-compliant have DIN terminals only.

[Option]

Type of actuation

1	2 position single solenoid
2	2 position double solenoid
3	3 position closed center
4	3 position exhaust center
5	3 position pressure center

Light/Surge voltage suppressor

Electrical entry for G, H, L, M, W

Nil	Without light/surge voltage suppressor
S	With surge voltage suppresor
Z	With light/surge voltage suppressor
R	With surge voltage suppressor (Non-polar type)
U	With light/surge voltage suppressor (Non-polar type)

∗ For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.
∗ For type "R" and "U", DC voltage is only available.
∗ Power saving circuit is only available in the "Z" type.

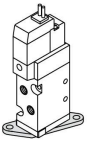
Electrical entry for D, Y

Nil	Without light/surge voltage suppressor
S	With surge voltage suppressor (Non-polar type)
Z	With light/surge voltage suppressor (Non-polar type)

∗ DOZ and YOZ are not available.
∗ For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.

Bracket

Nil: Without bracket
F: With bracket



Note) The mounting bracket is supplied unattached.
∗ 2 position single type only.

Rated voltage

DC

5	24 VDC
6	12 VDC
V	6 VDC
S	5 VDC
R	3 VDC

∗ DC specifications of type D, Y, DO and YO are only available with 12 and 24 VDC.

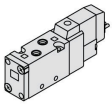
AC (50/60 Hz)

1	100 VAC
2	200 VAC
3	110 VAC [115 VAC]
4	220 VAC [230 VAC]

∗ For type W□, DC voltage is only available.
Note) AC-type models that are CE-compliant have DIN terminals only.

A, B port size

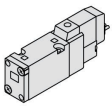
M5	M5 x 0.8
C4	One-touch fitting for Ø4
C6	One-touch fitting for Ø6
N3	One-touch fitting for Ø5/32"
N7	One-touch fitting for Ø1/4"



(For manifold type 20)

Body ported SYJ5 1 2 0 □ – 5 L □ □ – M5 – □ – □ – □

Base mounted SYJ5 2 4 0 □ – 5 L □ □ – □ □ – □



(For sub-plate, manifold type 40, 41, 42, 43)

Made to Order

Nil	—
X20	Body Ported External Pilot (Refer to page 238.)

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

CE-compliant

Nil	—
Q	CE-compliant

Note) AC-type models that are CE-compliant have DIN terminals only.

Body option

0: Pilot valve individual exhaust for the pilot valve

R port P, E port

3: Common exhaust type for main and pilot valve

R port P, E port

Coil specifications

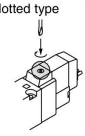
Nil	Standard
T	With power saving circuit <24, 12 VDC only>

∗ Power saving circuit is not available in the case of D, Y, DO, YO or W□ type.

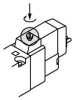
Manual override

Nil: Non-locking push type

D: Push-turn locking slotted type



E: Push-turn locking lever type

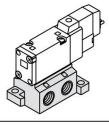


Port size

Nil: Without sub-plate

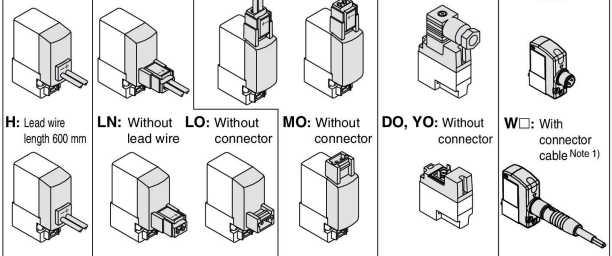
(With gasket and screws)

01: 1/8 With sub-plate



Electrical entry

	24, 12, 6, 5, 3 VDC 100,110, 200, 220 VAC			24,12 VDC 100,110, 200, 220 VAC	24, 12, 6, 5, 3 VDC
	Grommet	L plug connector	M plug connector	DIN terminal	M8 connector
	G: Lead wire length 300 mm	**L:** With lead wire (Length 300 mm)	**M:** With lead wire (Length 300 mm) **MN:** Without lead wire	**D, Y :** With connector	**WO:** Without connector cable
	H: Lead wire length 600 mm	**LN:** Without lead wire **LO:** Without connector	**MO:** Without connector	**DO, YO:** Without connector	**W□:** With connector cable Note 1)
CE-compliant DC	●	●	●	●	●
CE-compliant AC	—	—	—	●	—



Note) When placing an order for body ported solenoid valve as a single unit, mounting screws for manifold and gasket are not attached. Order them separately, if necessary. (For details, refer to page 196.)

∗ LN, MN type: with 2 sockets.
∗ Refer to page 241 for the lead wire length of L and M plug connectors.
∗ Refer to page 244 for the connector assembly with cover for L and M plug connectors.
∗ DIN terminal type "Y" which conforms to EN-175301-803C (former DIN4365C) is also available. For details, refer to page 243.
∗ For connector cable of M8 connector, refer to page 244.
∗ M8 thread conforming to IEC60947-5-2 standard is also available. Refer to page 239 for details.

Note 1) Enter the cable length symbols in □. Please be sure to fill in the blank referring to page 244.